

IIJA State Update Call  
Wednesday, October 19<sup>th</sup>  
4:00 – 5:00

## **Road and Bridge Infrastructure**

*Eric Rudeen, Department of Transportation*

1. Raise (announced)
  1. \$100M
2. Infra (announced)
  1. I-90 Austin Bridges \$25M
  2. US 212 Carver County \$10M
3. Bridge Investment program (announced/pending)
  1. Minnetonka Blvd planning grant in Excelsior/Greenwood
  2. Blatnik Bridge in Duluth
  3. I-94 Bridges near Alexandria
4. Mega/Rural (pending)
5. Rail Crossing (pending)
6. Safe Streets for All (pending)
7. Reconnecting Communities (pending)
8. Smart (applications due Nov. 18)
9. Crisi (applications due Dec. 1)
10. Protect – notice of funding opportunity date unknown, could occur yet this year

## **Broadband**

*Dianne Wells, Office of Broadband Development*

1. Bree Maki has been appointed as the new Executive Director – starting October 26
2. BEAD planning funds approved – 5 year plan due July 2023; Digital Equity approval is close
  1. Hannah Buckland (Digital Equity Lead) is meeting with stakeholders and developing a timeline for preparing the Digital Equity Plan (due October 2023)
  2. Hannah Buckland email – [hannah.buckland@state.mn.us](mailto:hannah.buckland@state.mn.us)
3. BEAD funding allocation for broadband infrastructure will be determined by new FCC maps; OBD has access to the location fabric and working with our mapping vendor and MNGIO/Counties to verify what FCC's contractor data shows as serviceable locations
4. USDA ReConnect 4 Round (funded with IIJA) window open September 6 – November 2, 2022
5. NTIA has assigned a federal program office to Minnesota, Tom Karst
  1. Tom Karst email – [tkarst@ntia.gov](mailto:tkarst@ntia.gov)

## **Cyber Security**

*Brandon Hirsch, Department of IT Services*

1. State and Local Cybersecurity Grant Program
  1. Provides \$18M in federal funding to improve state, local, tribal government cybersecurity
  2. Through development of statewide cybersecurity plan
  3. Plan developed by Planning Committee
  4. NOFO now available on grants.gov

5. State applications due on 11/15
6. Legislature did not provide state match in 2022 legislative session

## **EV Funding Opportunities**

*Tim Sexton, Department of Transportation*

### IIJA Electric Vehicle Infrastructure Programs: Overview

1. National Electric Vehicle Infrastructure Formula Program
2. Charging and Fueling Infrastructure Discretionary Grants
3. Carbon Reduction Program
4. Additional Funding

### NEVI Formula Funds

1. NEVI is a new federal program authorized under the Bipartisan Infrastructure Law
  2. Provides funds to states to install DC fast chargers along designated corridors
  3. Federal appropriation for MN is \$68M for federal FY 22-26
  4. 20% non-federal match and state legislative spending authorization required
  5. Plans submitted to new Joint Office of Energy and Transportation by August 1 and approved September 14
  6. Funding must be used to build out Alternative Fuel Corridors (AFCs) first before spent on non-AFC corridors
  7. MnDOT's first round of funding will focus on the buildout of NEVI compliant chargers along the existing AFCs in Minnesota: I-94 and I-35
1. Draft EV Fast Charging Network
    1. Includes all potential corridors for investment with the \$68M of NEVI funds
    1. Promotes coverage across the state
    2. Prioritizes roadways that serve long distance travel
    3. Creates a network that connects to other networks
    4. Recognizes both rural and urban communities

### Charging and Fueling Infrastructure Grants (Community Charging)

1. Discretionary – program funds will be made available each fiscal year. Total of \$1.25B
2. Grants, to install electric vehicle charging and alternative fuel in locations on public roads, schools, parks, and in publicly accessible parking facilities
3. Prioritized for rural areas, low and moderate income neighborhoods, and communities with low ratios of private parking, or high ratios of multiunit dwellings
4. Led by US Dept. of Transportation – Federal Highway Administration

### Carbon Reduction Program

1. \$20.5M annually for federal Fiscal Years 22-26
2. Eligible projects include “a project that supports deployment of alternative fuel vehicles”
3. MnDOT will develop an approach to select FY22-24 projects by Spring 2023
4. MnDOT will develop a Carbon Reduction Strategy for FY25-26 funds by November 2023

### MPCA – VW Settlement

1. EV Charging Infrastructure
  1. Invested approximately \$5M in EV charging
2. Electric School Buses
3. Electric Trucks

## **Energy Opportunities**

*Kevin Lee, Department of Commerce*

### Industrial Sector Needs GHG reduction strategies

1. Hydrogen Hubs funding opportunities
  1. Total of \$6-7B
  2. 6-10 awards, \$500M-%1B per award
  3. 8-12 year terms
  4. Eligible applicants: domestic entities
    1. Institutes of higher education
    2. For-profit entities
    3. Non-profit entities
    4. State and local governmental entities, and Tribal nations
  5. Cost share: 50% non-federal share of total project cost
2. Midwest Hydrogen Coalition
  1. Existing H2 infrastructure: ammonia production, pipelines, and “nurse” tanks
    1. Agriculture (Wind to H2 and NH3 and Waste CO2 and NH3 to Urea)
    2. Industry (Steel, Transportation, Power Generation, and Energy Storage)
3. Heartland Hydrogen Hub
  1. Harness abundant renewable energy resources – wind, solar, and biomass
  2. Decarbonize the most difficult sectors – agriculture and heavy industries
4. Green Hydrogen Potential
  1. Heartland states – low-cost, plentiful wind, solar PV, biomass
  2. Great Lakes region – national energy corridors (seaway ports, railway lines, and pipelines) and potential of over 60,000 new jobs
5. Hydrogen Hubs: Next Steps
  1. Partnership development to attract matching investments and develop innovative solutions
    1. Commercial production, transport, and use
    2. University, research, and nonprofit organizations
    3. Disadvantaged communities and tribal groups

### IRA Clean Hydrogen Incentives

1. PTC – 10-year credit rate is based on \$0.60/kg multiplied by a percentage based on the level of GHG that remains after the hydrogen production process
  1. 5x multiplier for projects that meet Wage and Apprenticeship requirements
2. ITC – Depends on level of CO2/kg that remains after hydrogen production process

### Climate, Energy, and Environment

1. IRA Tax Credits – Call for input
  1. 73% of funds in IRA = tax incentives (\$270B of the \$369B total)

2. Incentives include tax credits, rebates, and direct pay programs
3. US Treasury and IRS looking input to use in developing programs